

WHAT IS CLAIMED IS:

1. A method of managing telephone network facilities, comprising the steps of:
 - (a) accessing a first computer having LEIS loaded thereon;
 - (b) extracting from LEIS information from a plurality of first tables;
 - (c) formatting the extracted information into a flat file and porting the flat file to a second computer;
 - (d) loading, from the second computer, the flat file into a relational database;
 - (e) manipulating the relational database to populate a plurality of second tables with data representative of telephone network facilities; and
 - (f) displaying at least a portion of the data in the second tables via a graphical user interface.
2. The method of claim 1, further comprising accessing a plurality of first computers.
3. The method of claim 1, wherein the information extracted from LEIS comprises at least one of connection, equipment, connection, location, loop, pair, slot, support pair, and system information.
4. The method of claim 1, wherein step (e) comprises determining at least one ADSL capacity and T1 capacity.
5. The method of claim 1, further comprising displaying the data by wirecenter.

6. The method of claim 1, further comprising simultaneously displaying at least two of location information, multiplexer capacity, ADSL capacity, equipment location, slot information, circuit information and system information.

7. The method of claim 6, further comprising simultaneously displaying T1s available, T1s working and total T1s for a selected wirecenter.

8. The method of claim 6, further comprising simultaneously displaying available ADSL lines, working ADSL lines and total ADSL lines.

9. The method of claim 1, further comprising simultaneously displaying a picture associated with a selected piece of equipment.

10. A method of providing information about telephone network facilities to a loop capacity manager tasked to manage central office and remote terminal components of the telephone network, the method comprising the steps of:

- (a) assimilating telephone network facilities data from a plurality of databases;
 - (b) populating a plurality of predefined tables with the data;
 - (c) further populating the predefined tables with calculated data; and
 - (d) displaying at least a portion of the telephone network facilities data and calculated data in a graphical user interface,
- wherein information representative of ADSL and T1 availability is simultaneously displayed.

11. The method of claim 10, wherein the plurality of databases comprise databases from LEIS.

12. The method of claim 10, wherein the predefined tables comprise at least two of location, equipment, slot and system.

13. The method of claim 10, wherein step (c) comprises counting a number of ADSL and T1 facilities at a location.

14. The method of claim 10, further comprising simultaneously displaying T1s available, T1s working and total T1s for a selected wirecenter.

15. The method of claim 10, further comprising simultaneously displaying available ADSL lines, working ADSL lines and total ADSL lines.

16. The method of claim 10, further comprising simultaneously displaying a picture associated with a selected piece of equipment.

17. A method of analyzing the capacity of telephone network facilities, the telephone network comprising a plurality of wirecenters each comprising a plurality of internal locations, each location having a plurality of pieces of equipment, and at least one of the pieces of equipment having a plurality of slots, the method comprising the steps of :

(a) identifying first information in a legacy computer system, the legacy computer system storing predetermined data representing telephone network facilities;

(b) extracting the first information from the legacy computer system;

(c) organizing the first information in a predetermined table format;

(d) adding second information to the predetermined table format, the second information being based at least in part on the first information; and

(e) displaying portions of the first and second information in a modifiable graphical user interface.

18. The method of claim 17, wherein the legacy computer system comprises LEIS.

19. The method of claim 17, wherein the first information comprises at least one of wirecenter information, location information, equipment information and slot information.

20. The method of claim 17, wherein the second information comprises T1 and ADSL availability.

21. The method of claim 17, wherein the second information comprises TI and ADSL capacity.

22. The method of claim 17, wherein the second information is generated via an iterative process

23. The method of claim 17, further comprising simultaneously displaying a picture associated with a selected piece of equipment.

24. A computer system operable to present a graphical user interface for displaying information representative of telephone network facilities, the graphical user interface obtaining data for display from a plurality of first tables populated with information gathered from a plurality of second tables that are populated with data stored in a telephone network facilities system, the computer system comprising:

a client machine; and

a server database in communication with client machine,

wherein the graphical user interface comprises:

a first section for listing a plurality of wirecenters;

a second section for listing a plurality of equipment located within the wirecenters;

a third section for listing location information associated with a piece of equipment selected in the second section; and

a fourth section for displaying a picture of the equipment selected in second section.

25. The computer system of claim 24, wherein the telephone network facilities system comprises LEIS.

26. The computer system of claim 24, further comprising means for extracting the data from the telephone network facilities system.

27. The computer system of claim 24, wherein a color code is applied to each of the listed wirecenters to indicate a capacity level thereof.

28. The computer system of claim 24, wherein the third section lists at least one of ADSL capacity, ADSL working and ADSL availability values.

29. The computer system of claim 24, wherein the third section lists at least one of working T1s, available T1s and total T1s.